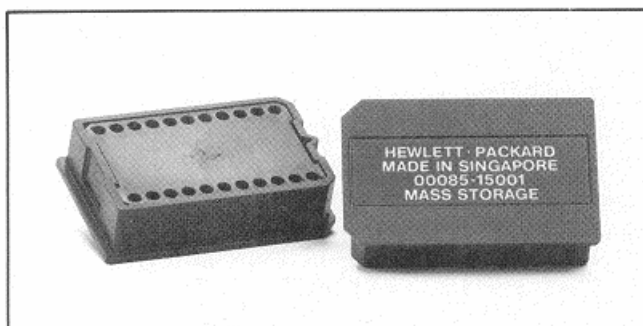
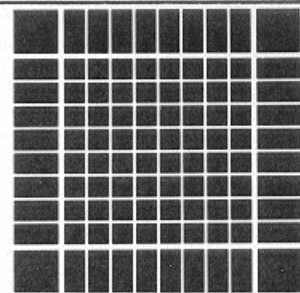




HP-85 Mass Storage ROM 00085-15001



The HP-85 Mass Storage ROM lets you interface your HP-85 with the HP 82900-Series Flexible Disc Drives or 9895A Flexible Disc Memory. When used with the HP-85, the mass storage system (consisting of the HP-85 Mass Storage ROM and the Flexible Disc Drives) significantly expands the mass storage capabilities and capacities of the HP-85. The ROM adds 30 BASIC statements that give you powerful mass storage capabilities. The system is ideal for use where quick access to many programs and data files is important. Examples include scientific, engineering and business data bases and programs.

Features

- Total integration into the HP-85 system, for easy, convenient operation.
- 30 BASIC commands extend the existing HP-85 BASIC language to let you take advantage of the mass storage capabilities without learning a new language.
- Transparent operation. All you do is install the ROM and the system is ready to use.
- Increased mass storage capabilities of the HP-85 system. The ROM provides a powerful set of instructions that enhance the HP-85's capabilities.
- Many programmable commands. These let you control the mass storage system from your programs for automatic file management.
- Simple installation. The ROM is easy to install—it plugs into a standard ROM drawer (which plugs into an I/O port on the HP-85).
- Uses only a small amount of memory. The disc operating system provided by the ROM consumes only a small portion of HP-85 user memory. *RAM*

Statements and Functions

ASSIGN#

Assigns a buffer number to a data file and "opens" that file. Also used to close data files.

CAT

Displays a file directory for a specified storage medium (disc or tape).

CHAIN

Loads a new program file from the mass storage system and executes the new program. Data in COMMON is preserved.

CHECK READ

Performs record-by-record data verification during file read/write operations.

COPY

Copies files or entire storage media.

CREATE

Establishes a data file on a mass storage device.

ERROR

Returns the ROM number of the device that issued an error message.

ERRSC

Determines the select code of the interface module that received an illegal operation.

GLOAD

Loads the contents of a special extended-type file into the graphics display.

GSTORE

Stores the contents of the graphics display onto the mass storage system.

INITIALIZE

Clears, tests and prepares a flexible disc medium for use in the mass storage system.

LOAD

Loads an existing program file that is stored on the mass storage system into computer memory.

LOADBIN

Loads an existing binary program file that is stored on the mass storage system into computer memory.

MASS STORAGE IS

Defines the default mass storage device. Allows use of mass storage ROM commands without specification of a device.

PACK

Removes null files from the disc system.

PRINT#

Writes data to the referenced data file.

PURGE

Removes the specified file from the mass storage medium.

READ#

Retrieves data from the referenced data file.

RENAME

Changes the name of a file.

SECURE

Establishes a file security with levels of protection. Prevents listing, editing, duplication or cataloging.

STORE

Stores the program that is presently in HP-85 memory onto the mass storage system.

STOREBIN

Stores the binary program that is currently in HP-85 memory onto the mass storage system.

TRANSLATE

Translates tape-based programs to disc-based programs to allow them to automatically take advantage of the mass storage system.

TYP

Returns the type of the next record of a data file.

UNSECURE

Removes the security established with the SECURE statement. Not programmable.

VOLUME

Establishes a volume label for a disc medium. Volume labels let you refer to a disc medium by a name that you specify.

Ordering Information

00085-15001 HP-85 Mass Storage ROM
(Requires HP 82936A ROM Drawer)

Warranty and Service

Hewlett-Packard offers a limited 90-day warranty on the Mass Storage ROM. A copy of the complete warranty statement is available upon request.

Service for the ROM is available at service centers located in many countries around the world. Contact your local dealer or sales representative for more information and service center locations.

The information and specifications presented in this data sheet are subject to change without notice.

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